Register your product and get support at

www.philips.com/welcome

FWD410

EN	User manual	3	RU	Руководство пользователя	29

PHILIPS

Contents

1 Important 4
Safety 4
Notice 5

2 Your DVD Mini Hi-Fi System 7
Introduction 7
What's in the box 7
Overview of the main unit 8
Overview of the remote control 9

3 Connect 11
Place the unit 11
Connect speakers 11
Connect video cables 11
Optional connections 12
Connect power 13

4 Get started 14
Prepare the remote control 14
Turn on 14
Find the correct viewing channel 14
Select the correct TV system 15
Change system menu language 15
Turn on progressive scan 15

5 Play 16
Play a disc 16
Play from USB or recored discs 16
Play a slideshow with background music 17
Play control 17
Play options 18
Picture view options 18

6 Listen to radio 19
Store radio stations automatically 19
Tune to a radio station 19
Program radio stations 19
Tune to a preset radio station 20
Change tuning grid 20

7 Adjust sound 20
Adjust volume level 20
Select a sound effect 20
Mute sound 21

8 Adjust settings 21
General setup 21
Audio setup 22
Video setup 22
Preference setup 22

9 Other features 24
Set the sleep timer 24
Listen to an audio device 24

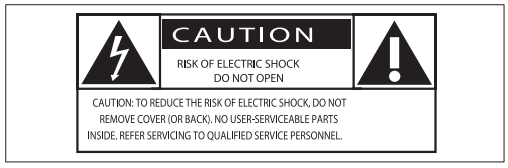
10 Product information 24
Specifications 24
Supported disc formats 25
USB playability information 25

11 Troubleshooting 26

1 Important

Safety

Know these safety symbols


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT
REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS
INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This 'bolt of lightning' indicates uninsulated material within your unit may cause an electrical shock. For the safety of everyone in your household, please do not remove product covering.

The 'exclamation point' calls attention to features for which you should read the enclosed literature closely to prevent operating and maintenance problems.
WARNING: To reduce the risk of fire or electric shock, this apparatus should not be exposed to rain or moisture and objects filled with liquids, such as vases, should not be placed on this apparatus.
CAUTION: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Important Safety Instructions

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
10. Only use attachments/accessories specified by the manufacturer.
11. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

12. Unplug this apparatus during lightning storms or when unused for long periods of time.
13. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

⑭ **Battery usage CAUTION – To prevent battery leakage which may result in bodily injury, property damage, or damage to the unit:**
- Install all batteries correctly, + and - as marked on the unit.
- Do not mix batteries (old and new or carbon and alkaline, etc.).
- Remove batteries when the unit is not used for a long time.

⑮ **Apparatus shall not be exposed to dripping or splashing.**

⑯ **Do not place any sources of danger on the apparatus (e.g. liquid filled objects, lighted candles).**

⑰ **Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.**

Risk of overheating! Never install this apparatus in a confined space. Always leave a space of at least four inches around this apparatus for ventilation. Ensure curtains or other objects never cover the ventilation slots on this apparatus.

Caution

- Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

Warning

- Never remove the casing of this unit.
- Never lubricate any part of this unit.
- Place this unit on a flat, hard and stable surface.
- Never place this unit on other electrical equipment.
- Only use this unit indoors. Keep this unit away from water, moisture and liquid-filled objects.
- Keep this unit away from direct sunlight, naked flames or heat.
- Never look into the laser beam inside the unit.

Notice

CE

This product is in compliance with the essential requirements and other relevant provisions of Directives 2006/95/EC (Low Voltage), 2004/108/EC (EMC).
Any changes or modifications made to this device that are not expressly approved by Philips Consumer Lifestyle may void the user's authority to operate the equipment.

Disposal of your old product and batteries

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

When this crossed-out wheeled bin symbol is attached to a product it means that the product is covered by the European Directive 2002/96/EC. Please inform yourself about the local separate collection system for electrical and electronic products.
Please act according to your local rules and do not dispose of your old products with your normal household waste.
Correct disposal of your old product helps to prevent potential negative consequences for the environment and human health.

Your product contains batteries covered by the European Directive 2006/66/EC, which cannot be disposed with normal household waste.

Please inform yourself about the local rules on separate collection of batteries because correct disposal helps to prevent negative consequences for the environmental and human health.

Information about the use of batteries:

Caution

- Risk of leakage: Only use the specified type of batteries. Do not mix new and used batteries. Do not mix different brands of batteries. Observe correct polarity. Remove batteries from products that are not in use for a longer period of time. Store batteries in a dry place.
- Risk of injury: Wear gloves when handling leaking batteries. Keep batteries out of reach of children and pets.
- Risk of explosion: Do not short circuit batteries. Do not expose batteries to excessive heat. Do not throw batteries into the fire. Do not damage or disassemble batteries. Do not recharge non-rechargeable batteries.

Environmental information

All unnecessary packaging has been omitted. We have tried to make the packaging easy to separate into three materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet.)

Your system consists of materials which can be recycled and reused if disassembled by a specialized company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

Copyright notice

Be responsible
Respect copyrights

This item incorporates copy protection technology that is protected by U.S. patents and other intellectual property rights of Rovi Corporation. Reverse engineering and disassembly are prohibited.

Trademark notice

DivX ®, DivX Ultra ®, DivX Certified ® and associated logos are trademarks of Rovi Corporation or its subsidiaries and are used under license.
DivX Ultra ® Certified to play DivX ® video with advanced features and premium content.
ABOUT DIVX VIDEO: DivX ® is a digital video format created by DivX, LLC, a subsidiary of Rovi Corporation. This is an official DivX Certified ® device that plays DivX video. Visit divx.com for more information and software tools to convert your files into DivX videos.
ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified ® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to vod.divx.com for more information on how to complete your registration.

Manufactured under license from Dolby Laboratories. Dolby and the double-D symbol are trademarks of Dolby Laboratories.

'DVD Video' is a trademark of DVD Format/ Logo Licensing Corporation.

This apparatus includes this label:

CLASS 1
LASER PRODUCT

Note

- The type plate is located on the back of the unit.

2 Your DVD Mini Hi-Fi System

Congratulations on your purchase, and welcome to Philips! To fully benefit from the support that Philips offers, register your product at www.philips.com/welcome.

Introduction

With this unit, you can:

- Watch video from DVD/VCD/SVCD or USB storage devices
- Enjoy audio from discs, USB storage devices, or MP3 devices
- View pictures from discs or USB storage devices
- Listen to FM radio

You can enrich sound output with these sound effects:

- Dynamic Bass Boost (DBB)
- Digital Sound Control (DSC)
- Max sound for instant power boost

The unit supports these media/disc formats:

You can play DVD discs marked with the following region code:

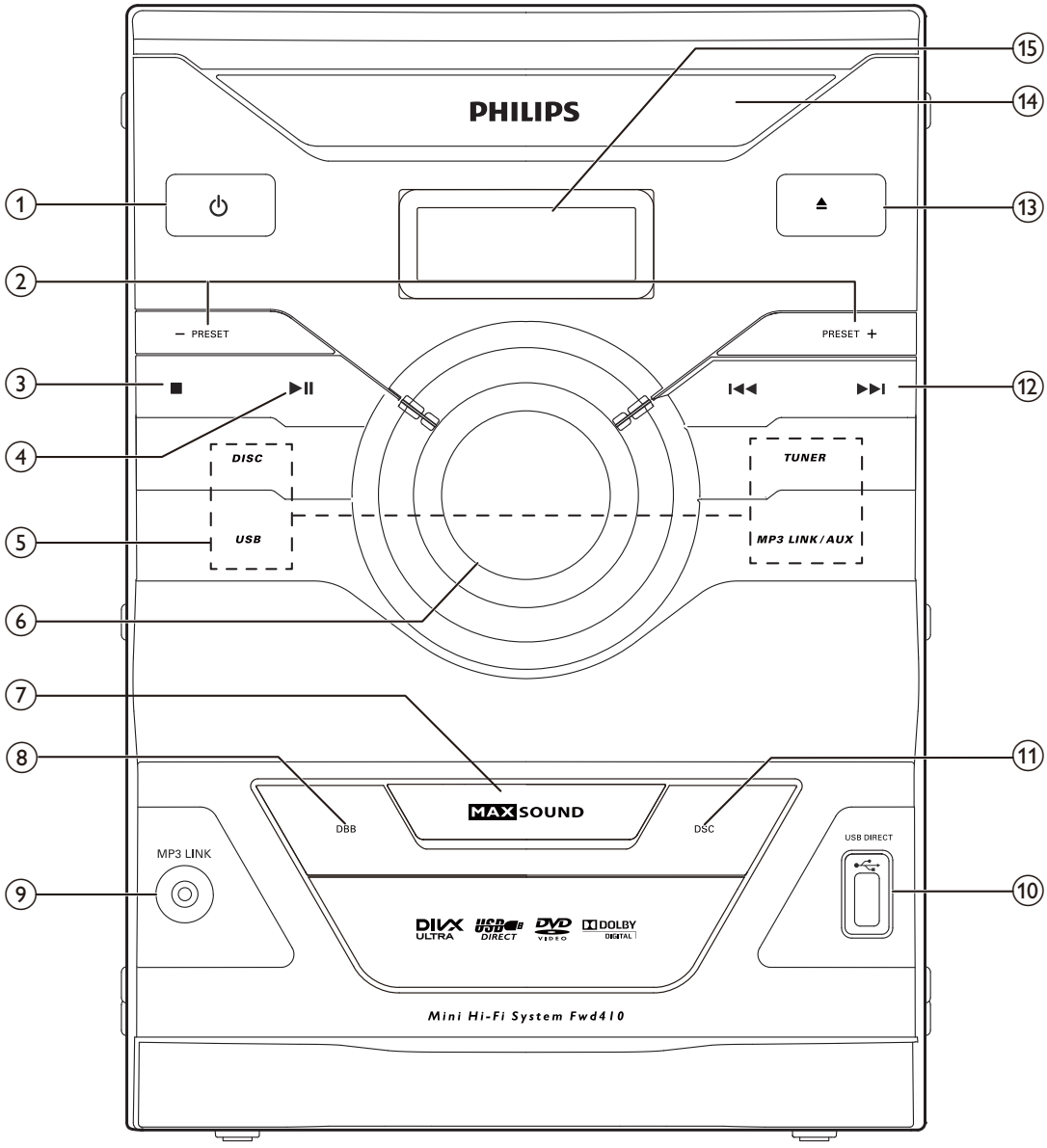
DVD region code	Countries
ALL 5	Russia

What's in the box

Check and identify the contents of your package:

- Main unit
- 2 x speakers
- Remote control with batteries
- Composite video cable (yellow)
- Power cord
- FM antenna
- User manual
- Quick start guide

Overview of the main unit



① ⏻
- Turn on the unit or switch to standby mode.

② PRESET +/-
- Select a preset radio station.

③ ■
- Stop play or erase a program.

④ ▶II
- Start or pause play.

⑤ Source selection keys
- DISC: Switch to disc source.
- USB: Switch to USB storage device.
- TUNER: Switch to FM radio.
- MP3 LINK/AUX: Switch to external MP3 or auxiliary device.

⑥ Volume knob
- Adjust volume.

⑦ MAX SOUND
- Turn on or off instant power boost for sound.

⑧ DBB
- Turn on or off dynamic bass enhancement.

⑨ MP3 LINK
- Audio input socket (3.5mm) for an external audio device.

⑩ DSC
- Select a preset sound equalizer setting.

⑪ USB DIRECT
- Socket for a USB mass storage device.

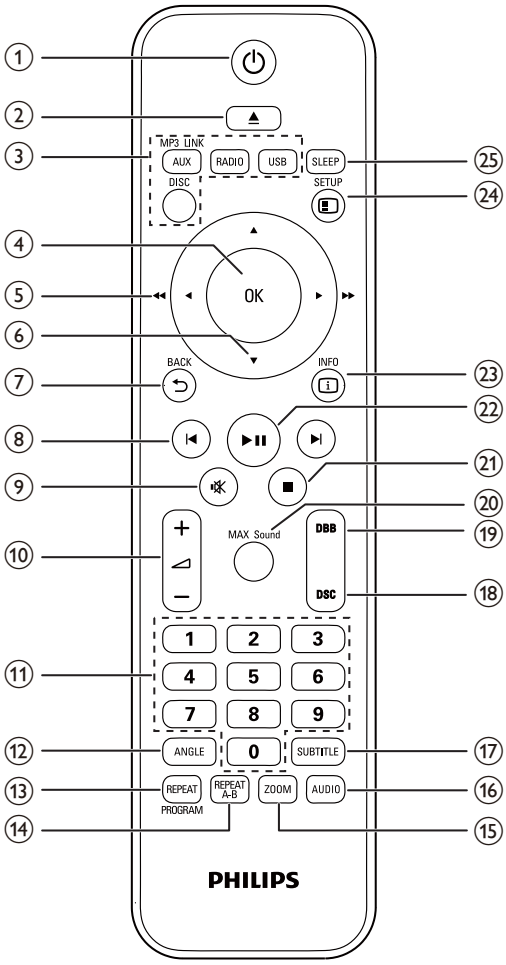
⑫ ⏮ / ⏭
- Skip to the previous/next track, title, or chapter.
- Tune to a radio station.

⑬ ⏏
- Open or close the disc compartment.

⑭ Disc compartment

⑮ Display panel
- Display current status.

Overview of the remote control



① ⏻
- Turn on the unit or switch to standby mode.

② ⏏
- Open or close the disc compartment.

③ Source selection keys
- DISC: Switch to disc source.
- USB: Switch to USB storage device.
- RADIO: Switch to FM radio.
- MP3 LINK/AUX: Switch to external MP3 or auxiliary device.

④ OK
- Confirm a selection.

⑤ ◀ / ▶ (◀◀ / ▶▶)
- Search in a track or disc.
- Navigate left/right in a menu.
- Tune to a radio station.

⑥ ▲ / ▼
- Navigate up/down in a menu.
- Rotate a picture.
- During video play, select a slow backward/forward mode.

⑦ BACK
- Return to the previous menu.

⑧ ⏮ / ⏭
- Skip to the previous/next track.
- Skip to the previous/next title or chapter.
- Select a preset radio station.

⑨
- Mute or restore volume.

⑩ +/-
- Adjust volume.

⑪ Numeric keypad
- Select a title/chapter/track.
- Select a preset radio station.

⑫ ANGLE
- Select video scenes recorded in different camera angels.

⑬ REPEAT/PROGRAM
- Select a repeat play mode.
- Program radio stations.

⑭ REPEAT A-B
- Repeat a specific section within a track/chapter.

⑮ ZOOM
- Zoom in or out a picture/video image.

⑯ AUDIO
- For VCD/SVCD, select stereo, mono-left, mono-right, or mix-mono channel.
- For DVD/DivX video, select an audio language.

⑰ SUBTITLE
- During video play, select a subtitle language.

⑱ DSC
- Select a preset sound setting.

⑲ DBB
- Select a level of dynamic bass boost.

⑳ MAX Sound
- Turn on or off instant power boost for sound.

㉑ ■
- Stop play.
- Erase a program.

㉒ ▶❚❚
- Start or pause play.

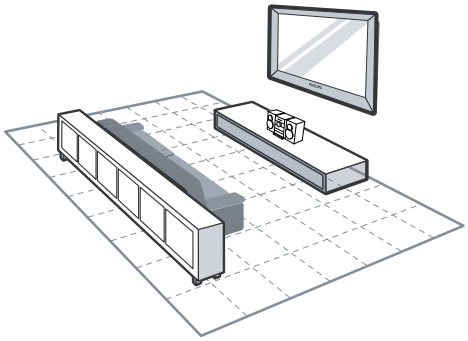
㉓ INFO
- For discs, access the play options or display the current disc status.
- For slideshow, display a thumbnail view of photo files.

㉔ SETUP
- Access or exit the system setup menu.

㉕ SLEEP
- Switch the unit to standby after a specified duration.

3 Connect

Place the unit



1 Place the unit near the TV.
2 Place the left and right speakers at equal distance from the TV and at an angle of approximately 45 degrees from the listening position.

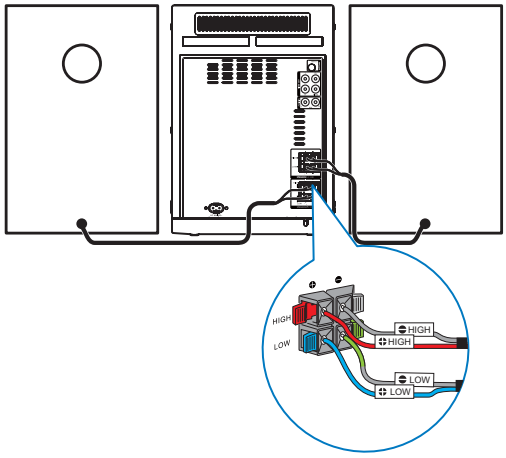
Note

- To avoid magnetic interference or unwanted noise, never place both the main set and speakers too close to any radiation devices.
- Place this unit on top of a table.
- Never place this unit in an enclosed cabinet.
- Place this unit near the AC outlet where the AC power plug can be easily reached.

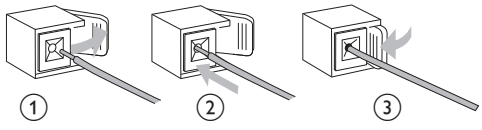
Connect speakers

Note

- For better sound effect, use the supplied speakers only.
- Connect only speakers with impedance that is the same or higher than the supplied speakers. Refer to the specifications section of this manual.



1 On the back of the main set, find the left and right speaker sockets.
2 Check that the colors and polarities of the speaker cables match those of the speaker sockets.
3 Insert the speaker wires into the corresponding speaker sockets.

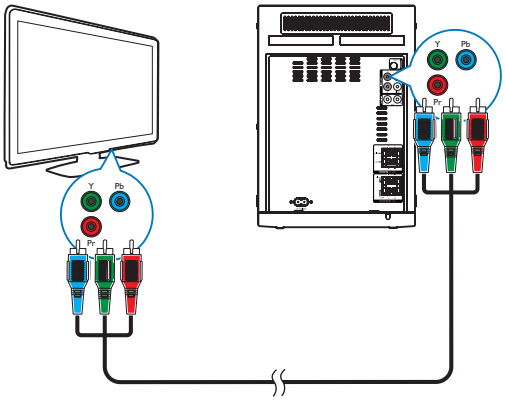


Connect video cables

Select the best video connection that the TV can support.

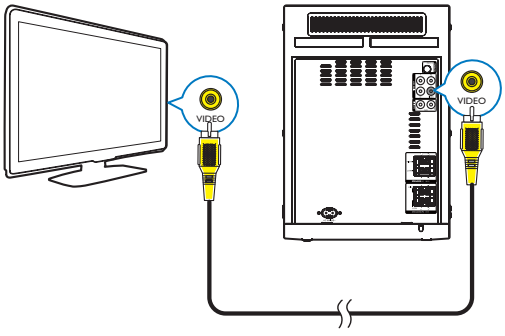
- **Option 1:** Connect to the component video sockets (for a standard TV or Progressive Scan TV).
- **Option 2:** Connect to the video (CVBS) socket (for a standard TV).

Option 1: Connect to the component video sockets



- Connect component video cables (not supplied) to:
  - the **Y Pb Pr** sockets on this unit.
  - the component video input sockets on the TV.

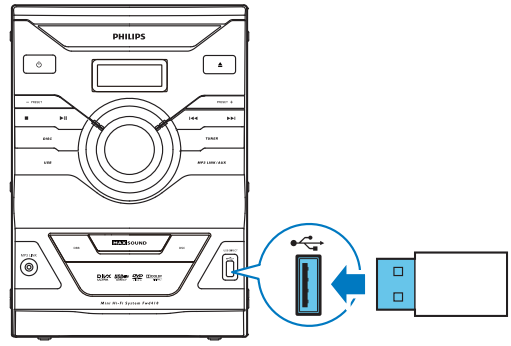
Option 2: Connect to the video (CVBS) socket



- Connect the composite video cable (supplied) to:
  - the **VIDEO** socket on this unit.
  - the video input socket on the TV.

Optional connections

Connect USB flash drive



1 Connect a USB storage device to the **USB DIRECT** socket on the front panel.

Note

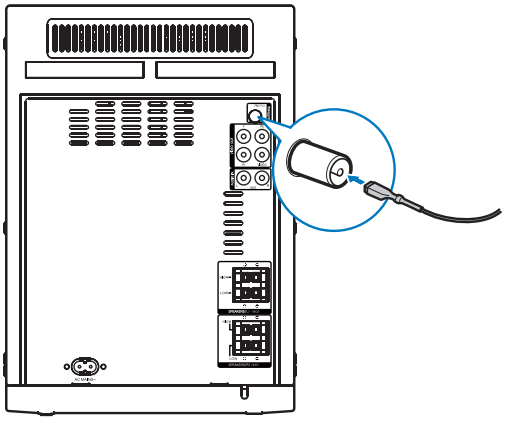
- This unit only supports play of MP3, DivX (Ultra) or JPEG files that are stored on a USB storage device.
- Press **USB** to access the content and play the files.

Connect FM antenna

Tip

- For optimal reception, fully extend and adjust the position of the antenna.
- For better FM stereo reception, connect an outdoor FM antenna to the **FM ANTENNA (75Ω)** socket.
- The unit does not support MW radio reception.

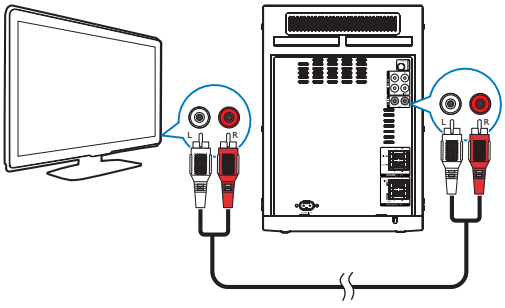
- Connect the supplied FM wire antenna to the **FM ANTENNA (75Ω)** socket on the back of the unit.



Route audio from other devices

Route audio from TV or other devices

You can use this unit to play audio from a TV or other device such as a cable box.



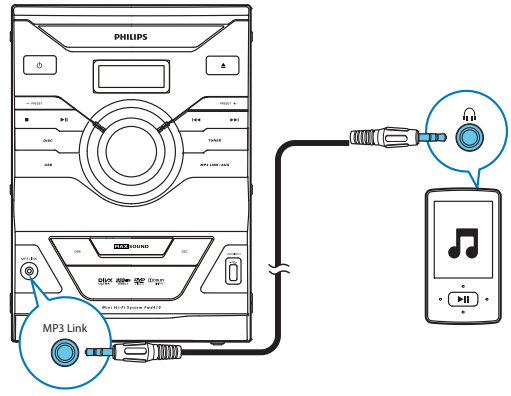
- Connect audio cables (white/red) to:
  - the **AUDIO IN (AUX L/R)** sockets on the back panel.
  - the audio output sockets on the external device.

Tip

- Press **MP3 LINK/AUX** to select the audio output of your connection.

Listen to an audio player

You can listen to an audio player through this unit.

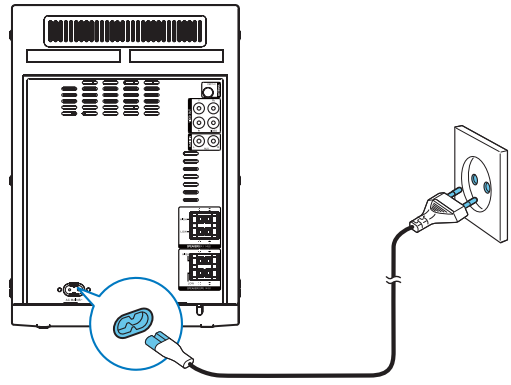


- Connect an MP3 Link cable to:
  - the **MP3 LINK** socket on the front panel.
  - the headphone socket on the audio player.

Tip

- Press **MP3 LINK/AUX** to select the audio output of your connection.

Connect power



Caution

- Risk of product damage! Make sure that the power supply voltage corresponds to the voltage printed on the back or the underside of the unit.
- Before connecting the AC power cord, make sure that you have completed all other connections.

- Connect the AC power cord to
  - the **AC MAINS~** socket on this unit.
  - the wall power socket.

4 Get started

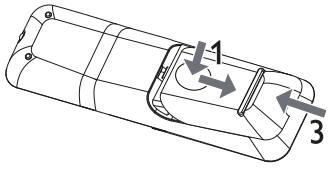
Caution

- Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

Always follow the instructions in this chapter in sequence.
If you contact Philips, you will be asked for the model and serial number of this apparatus. The model number and serial number are on the back of the apparatus. Write the numbers here:
Model No. _____
Serial No. _____

Prepare the remote control

1. Press and push the battery compartment to slide it open (see "1" in the illustration).
2. Insert two AAA batteries with correct polarity (+/-) as indicated.
3. Push and slide back the battery compartment (see "3" in the illustration).



Note

- The batteries shall not be exposed to excessive heat such as sunshine, fire or the like.
- If you are not going to use the remote control for a long time, remove the batteries.
- Do not mix batteries (old and new or carbon and alkaline, etc.).
- Batteries contain chemical substances, so they should be disposed of properly.

Turn on

1. Press ⏻.
   ↳ The unit switches to the last selected source.

Switch to standby mode

1. Press ⏻ again to switch the unit to standby mode.
   ↳ The backlight on the display panel turns off.
   ↳ The power indicator beside the display panel turns on (red).

Find the correct viewing channel

1. Press ⏻ to turn on the unit.
2. Press **DISC** to switch to disc mode.
3. Turn on the TV and switch to the correct video-in channel in one of the following ways:
   - Go to the lowest channel on your TV, then press the Channel Down button until you see the blue screen.
   - Press the source button repeatedly on the remote control of your TV.

Tip

- The video-in channel is between the lowest and highest channels and may be called FRONT, A/V IN, VIDEO etc. See the TV user manual on how to select the correct input on the TV.

Select the correct TV system

Change this setting if the video does not appear correctly. By default, this setting matches the most common setting for TVs in your country.

1 Press SETUP.
2 Select ([Video Setup]).
3 Select **[TV System]** and then press ▶ (▶▶).
4 Select a setting and then press **OK**.
   - **[PAL]** - For TV with PAL color system.
   - **[NTSC]** - For TV with NTSC color system.
   - **[Multi]** - For TV that is compatible with both PAL and NTSC.
5 To exit the menu, press SETUP.

Change system menu language

1 Press SETUP.
2 Select ([General Setup]).
3 Select **[OSD Language]** and then press ▶ (▶▶).
4 Select a setting and then press **OK**.
5 To exit the menu, press SETUP.

Turn on progressive scan

Note

- To use the progressive scan feature, you need to connect a progressive scan TV with the component video sockets (see 'Option 1: Connect to the component video sockets' on page 11).

1 Turn on the TV to the correct viewing channel for this unit.
2 Press SETUP.
3 Select ([Video Setup]).
4 Select **[Progressive]** -> **[On]**, and then press **OK**.
   ↳ The progressive setup is complete.

Note

- If a blank/distorted screen is displayed, wait for 15 seconds for the auto recovery.
- If no picture is displayed, turn off the progressive scan mode as follows:
- 1) Press ⏏ to open the disc compartment.
- 2) Press ◀.
- 3) Press **AUDIO**.

5 Press SETUP to exit the menu.
   ↳ You can now turn on the progressive scan mode on the TV (see the TV user manual).

Note

- During play, when the progressive scan mode is on for both this unit and the TV, distorted picture may display. In this case, turn off the progressive scan feature on both this unit and the TV.

5 Play

Caution

- Risk of damage to the unit! During play, never move the unit.

Play a disc

Caution

- Never look at the laser beam inside the unit.
- Risk of product damage! Never play discs with accessories such as disc stabilizer rings or disc treatment sheets.
- Never put any objects other than discs into the disc compartment.

1 Press **DISC** to select the disc source.
2 Press ⏏.
   ↳ The disc tray opens.
3 Place a disc onto the tray and press ⏏ again to close the disc tray.
   ↳ Make sure that that the label side faces up.
4 If play does not start automatically, select a title/chapter/track, then press ▶❚❚ to start play.
   - To stop play, press ■.
   - To pause or resume play, press ▶❚❚.
   - To skip to the previous/next title/chapter/track, press ⏮ / ⏭.

Tip

- To play a locked DVD, enter the 4-digit parental control password.

Select an audio language

You can select an audio language for a DVD or DivX (Ultra) video.

1 During disc play, press **AUDIO**.
   ↳ The language options appear. If the selected audio channels is unavailable, the default disc audio channel is used.

Note

- For some DVDs, the language can only be changed from the disc menu. Press **BACK** to access the menu.

Select a subtitle language

You can select a subtitle language for a DVD or DivX (Ultra) video.

1 During play, press **SUBTITLE** repeatedly.

Note

- For some DVDs, the language can only be changed from the disc menu. Press **BACK** to access the menu.

Play from USB or recored discs

You can play DivX (Ultra)/MP3/JPEG picture files copied onto a CD-R/RW, recordable DVD or USB storage device.

1 Select a source.
   - For a USB storage device, press **USB**.
   - For a disc, press **DISC**.
2 Insert the USB storage device (see 'Connect USB flash drive' on page 11) or load the disc.
3 Press ▲ / ▼ to select a folder, then press **OK** to confirm.

4 Press ▲ / ▼ to select a file, then press **OK** to start play.
- To stop play, press ■.
- To pause/resume play, press ▶❚❚.
- To return to the upper-level directory, press ⮌ **BACK**.
- To skip to the previous/next file, press ⏮ / ⏭.
- To change the subtitle language during play of a DivX (Ultra) video, press **SUBTITLE**.

Note

- You can only play DivX (Ultra) videos rented or purchased through the DivX registration code of this unit.
- Subtitle files with the following filename extensions (.srt, .smi, .sub, .ssa, .ass) are supported but do not appear on the file navigation menu.
- The subtitle filename has to be the same as the file name of the video.

Play a slideshow with background music

This apparatus can play MP3 files and JPEG photos simultaneously.

Note

- The MP3 and JPEG files must be stored on the same disc or USB storage device.

1 Play an MP3 file.
2 Select a photo from your photo folder, then press **OK** to start the slideshow.
   ↳ Slideshow begins and continues until the end of the photo folder.
   ↳ Audio continues until the end of the last file.
   - To return to the menu, press ⮌ **BACK**.
   - To stop the slideshow, press ■.

Play control

Select repeat play options

1 During play, press **REPEAT/PROGRAM** repeatedly to select a repeat play option.
   - To resume normal play, press **REPEAT/PROGRAM** repeatedly until **[Repeat Off]** is displayed.

Search forward/backward

1 During video/audio play, press ◀ / ▶ (◀◀ / ▶▶) repeatedly to select a search speed.
   - To resume play at normal speed, press ▶❚❚.

Set repeat play for a specific section

1 During play, press **REPEAT A-B** at where you want to set the starting point.
2 Press **REPEAT A-B** again to set the ending point.
   ↳ Repeat play starts.
3 To cancel repeat play, press **REPEAT A-B** again.

Note

- The marked section for repeat play is only possible within a track/title.

English

Resume video play from last stopped point

Note

- This feature is only available for DVD/VCD play.

1 In stop mode and when the disc has not been removed, press ▶II.

To cancel resume mode and stop play completely:

1 In stop mode, press ■.

Play options

Display play information

1 During play, press INFO to display play information on the TV.

Zoom in/out image

1 During video play, press **ZOOM** to zoom in/out the image at different scales.
   - When the image is zoomed in, you can press use the navigation buttons to pan across the image.

Slow forward/backward play

1 During video play, press ▲ / ▼ to select a slow backward/forward speed.
   - To resume play at normal speed, press ▶II.

Change the audio channel

Note

- This feature is only available for VCD/SVCD.

- During play, press **AUDIO** repeatedly to select an audio channel available on the disc:
  - Stereo
  - Mono Left
  - Mono Right
  - Mix Mono

Select a camera angle

Note

- Some DVD discs contain alternate scenes, such as scenes recorded from different camera angles. For such discs, you can select from the available alternate scenes.

- During DVD play, press **ANGLE** repeatedly to select a camera angle.

Picture view options

Select a slide show play mode

- During photo play, press INFO to display a thumbnail view of available photo files.
- To return to normal play, press **OK**.
- To exit thumbnail view, press BACK.

Rotate picture

1 During play, press ▲ / ▼ to rotate the picture clockwise/anti-clockwise.

6 Listen to radio

The unit can automatically search and store radio stations. You can also search and store radio stations manually.

Store radio stations automatically

If no radio stations are stored, the unit can store radio stations automatically.

1 Turn on the unit.

2 Press **RADIO**.
   ↳ **[AUTO INSTALL PRESS PLAY]** (press ▶❚❚ to start automatic installation) is displayed.

3 Press ▶❚❚.
   ↳ The unit automatically stores radio stations with sufficient signal strength.
   ↳ After all available radio stations are stored, the first stored radio station is broadcast automatically.

- To stop automatic installation, press ■.

Tune to a radio station

1 Press **RADIO**.

2 Press ◀ / ▶ (◀◀ / ▶▶).
   ↳ The radio tunes to a station with strong reception automatically.

3 Repeat step 2 to tune to more stations.
   - To tune to a weak station, press ▲ / ▼ repeatedly until you find optimal reception.

Tip

- **[STEREO]** is the default setting for tuner mode.
- In tuner mode, you can press **RADIO** repeatedly to switch between **[STEREO]** and **[MONO]**. The unit memorizes your setting even if you turn off the unit or turn to other sources.

Program radio stations

Note

- You can program a maximum of 40 preset radio stations.

Program radio stations automatically

- Press and hold **REPEAT/PROGRAM** for more than 2 seconds to activate automatic programming.
   ↳ All available stations are programmed in the order of waveband reception strength.
   ↳ The first programed radio station is broadcast automatically.

Program radio stations manually

1 Tune to a radio station (see 'Tune to a radio station' on page 19).

2 Press **REPEAT/PROGRAM** to activate programming.

3 Press ⏮ / ⏭ to allocate a number from 1 to 40 to this radio station, then press **REPEAT/PROGRAM** to confirm.
   ↳ The preset number and the frequency of the preset station are displayed.

4 Repeat the previous steps to program other stations.

Tip

- You can also use the numeric keypad directly to allocate a preset number. To allocate a 2-digit number, press the number corresponding to the first digit, and then press the number corresponding to the second digit within 2 seconds.

Note

- To overwrite a programmed station, store another station in its place.

Tune to a preset radio station

- Press ⏮ / ⏭ to select a preset number that you want.

Tip

- You can also use the numeric keypad directly to select a preset number. To select a 2-digit number, press the number corresponding to the first digit, and then press the number corresponding to the second digit within 2 seconds.

Change tuning grid

In some countries, you can switch the FM tuning grid between 50 kHz and 100 kHz. Changing the tuning grid erases all preset radio stations.

1. Press **RADIO**.
2. Press ■.
3. Press and hold ▶❚❚ to toggle between 100 kHz and 50 kHz frequency.

7 Adjust sound

Adjust volume level

- During play, press **+/-** to increase/ decrease the volume level.

Select a sound effect

Note

- You cannot use different sound effects at the same time.

Boost sound power

This feature allows you to give an instant boost to the sound power.

- Press **MAX Sound** to turn on or off instant power boost.

Select a preset sound effect

The DSC (Digital Sound Control) feature allows you to enjoy special sound effects.

- During play, press **DSC** repeatedly to select:
  - **[POP]** (pop)
  - **[TECHNO]** (techno)
  - **[OPTIMAL]** (optimal)
  - **[JAZZ]** (jazz)

Enhance bass

The best DBB (Dynamic Bass Enhancement) setting is generated automatically for each DSC selection. You can manually select the DBB setting that best suits your listening environment.

- During play, press **DBB** repeatedly to select:
  - DBB 1
  - DBB 2
  - DBB 3
  - DBB off

Mute sound

- During play, press 🔇 to mute/resume sound.

8 Adjust settings

1 Press SETUP.
↳ The following menu is displayed.

Symbol	Description
⚙	[General Setup]
🔊	[Audio Setup]
▭	[Video Setup]
☑	[Preference Setup]

2 Select a setup page.
3 Select an option and then press ▶ (▶▶).
4 Select a setting and then press **OK**.
- To return to the previous menu, press ◀ (◀◀) or BACK.
- To exit the menu, press SETUP again.

General setup

On the **[General Setup]** page, you can set the following options:

[OSD Language]
Select the preferred language for on-screen display.

[Screen Saver]
The screen saver protects the TV screen damage due to prolonged exposure to a static image.
- **[On]** – Enable the screen saver.
- **[Off]** – Disable the screen saver.

[Auto Standby]
Turn off or on automatic standby switching mode. It is an energy saving feature.
- **[On]** – Switch to standby after 15 minutes of inactivity (for example, in pause or stop mode).
- **[Off]** – Disable auto standby mode.

[DivX(R) VOD Code]
Display the DivX® registration code.

Tip

- Enter this DivX registration code when you rent or purchase video from www.divx.com/vod. The DivX videos rented or purchased through the DivX® VOD (Video On Demand) service can be played only on the device to which it is registered.

Audio setup

On the **[Audio Setup]** page, you can set the following options:

[Night Mode]
Make loud sound level softer and soft sound level louder so that you can watch the DVD movies at a low volume, without disturbing others.

- **[On]** – enjoy quiet viewing at night (DVDs only).
- **[Off]** – enjoy surround sound with its full dynamic range.

Video setup

On the **[Video Setup]** page, you can set the following options:

[TV System]
Change this setting if the video does not appear correctly. By default, this setting matches the most common setting for TVs in your country.

- **[PAL]** - For TV with PAL color system.
- **[NTSC]** - For TV with NTSC color system.
- **[Multi]** - For TV that is compatible with both PAL and NTSC.

[TV Display]
The TV format determines the aspect ratio of display according to the type of TV you have connected.

4:3 Pan Scan (PS) 4:3 Letter Box (LB) 16:9 (Wide Screen)

- **[4:3 Pan Scan]** – For 4:3 screen TV: full-height display with the trimmed sides.
- **[4:3 Letter Box]** – For 4:3 screen TV: wide-screen display with black bars on the top and bottom of the screen.
- **[16:9 Wide Screen]** – For wide-screen TV: display ratio 16:9.

[Picture Settings]
Select a predefined set of picture color settings.

- **[Standard]** – Original color setting.
- **[Bright]** – Vibrant color setting.
- **[Soft]** - Warm color setting.
- **[Personal]** – Customizes the color setting. Set the level of brightness, contrast, sharpness/tint and color saturation, then press **OK**.

[Progressive]
If a progressive scan TV is connected to this product, turn on the progressive scan mode.

- **[On]** - Turn on progressive scan.
- **[Off]** - Turn off progressive scan mode.

Preference setup

On the **[Preference Setup]** page, you can set the following options:

[Audio]
Select the preferred audio language for disc play.

[Subtitle]
Select the preferred subtitle language for disc play.

[Disc Menu]
Select the preferred disc menu language.

Note

- If the language you have set is not available on the disc, the disc uses its own default language.
- For some discs, the subtitle/audio language can only be changed from the disc menu.

[Parental]
Restricts access to discs that are unsuitable for children. These types of discs must be recorded with ratings.

1) Press **OK**.
2) Select a rating level, then press **OK**.
3) Press the numeric keys to enter the password.

Note

- Rated discs above the level you set in **[Parental]** require a password to be played.
- The ratings are country-dependent. To allow all discs to play, select '**8**'.
- Some discs have ratings printed on them but are not recorded with ratings. This function has no effect on such discs.

[PBC]
Turns on or off the content menu of VCDs/ SVCDs with PBC (playback control) feature.

- **[On]** - display index menu when you load a disc for play.
- **[Off]** - skip the menu and start play from the first title.

[Password]
Set or change the password for locked discs and play restricted DVDs.

1) Press the numeric keys to enter '0000' or your last set password at **[Old Password]** field.
2) Enter the new password at **[New Password]** field.
3) Enter the new password again at **[Confirm Password]** field.
4) Press **OK** to exit the menu.

Note

- If you forget the password, enter '0000' before you set a new password.

[DivX Subtitle]
Select a character set that supports the DivX subtitle.

Note

- Ensure that the subtitle file has the exact same file name as the movie file. If for example the file name of the movie is 'Movie.avi', then you will need to name the text file 'Movie.sub' or 'Movie.srt'.

[Version Info]
Display the software version of this apparatus.

[Default]
Reset all the settings to factory default, except for the password and parental settings.

9 Other features

Set the sleep timer

This unit can switch to standby mode automatically after a set period.

- When the unit is turned on, press **SLEEP** repeatedly to select a preset period (in minutes).

To deactivate the sleep timer

- Press **SLEEP** repeatedly until **[OFF]** is displayed.

Listen to an audio device

You can listen to an audio device through this unit.

1. Make sure that the external audio device is connected to this unit (see 'Route audio from other devices' on page 12).
2. Press **MP3 LINK/AUX** repeatedly to select the audio input through the **MP3-LINK** socket or **AUDIO IN (AUX L/R)** sockets.
3. Start to play the device (see the device user manual).

10 Product information

Note

- Product information is subject to change without prior notice.

Specifications

Amplifier

Rated Output Power	4 X 40 W RMS + 1/0.5 dB
Frequency Response	30 Hz - 16000 Hz
Signal to Noise Ratio	≥ 65 dBA
Aux Input	900mV RMS 22k ohm

Disc

Laser Type	Semiconductor
Disc Diameter	12 cm/8 cm
Video Decoding	MPEG-1 / MPEG-2 / DivX
Video DAC	12 Bits
Signal System	PAL / NTSC
Video Format	4:3 / 16:9
Video Luminance S/N	> 55 dB
Audio DAC	24 Bits / 96 kHz
Total Harmonic Distortion	≤ 1% (1 kHz)

Tuner (FM)

Tuning Range	87.5 - 108 MHz
Tuning grid	100 KHz
Sensitivity - Mono, 26dB S/N Ratio	< 22 dBf

Total Harmonic Distortion	< 3%
Signal to Noise Ratio	> 50dB

Speakers

Speaker Impedance	4 ohm
Speaker Driver	13cm woofer + 4.0cm Dome tweeter
Sensitivity	> 86 dB/m/W±4dB/m/W

General information

AC power	110-240 V ~ 50-60 Hz
Operation Power Consumption	40 W
Standby Power Consumption	< 0.9 W
Composite Video Output	1.0 Vp-p, 75 ohm
Component Video Output	
USB Direct	Version 1.1
Dimensions	
- Main Unit (W x H x D)	223 X 258 X 310 mm
- Speaker (W x H x D)	210 X 242 X 310 mm
Weight	
- With Packing	9.7 kg
- Main Unit	2.5 kg
- Speaker Box	2 x 2.8 kg

Supported disc formats

- Digital Video Discs (DVDs)
- Video CDs (VCDs)
- Super Video CDs (SVCDs)
- Digital Video Discs + Rewritable (DVD+RW)
- Compact Discs (CDs)
- Picture (Kodak, JPEG) files on CDR(W)
- DivX(R) disc on CD-R(W):
- DivX 3.11, 4.x and 5.x

Supported MP3-CD formats:

- ISO 9660
- Max. title/album name: 12 characters
- Max. title number plus album: 255.
- Max. nested directory: 8 levels.
- Max. album number: 32.
- Max. MP3 track number: 999.
- Supported sampling frequencies for MP3 disc: 32 kHz, 44.1 kHz, 48 kHz.
- Supported Bit-rates of MP3 disc are: 32, 64, 96, 128, 192, 256 (kbps).
- The following formats are not supported:
  - Files like *.VMA, *.AAC, *.DLF, *.M3U,
  - *.PLS, *.WAV
  - Non-English Album/Title name
  - Discs recorded in Joliet format
  - MP3 Pro and MP3 with ID3 tag

USB playability information

Compatible USB storage devices:

- USB flash memory (USB 2.0 or USB1.1)
- USB flash players (USB 2.0 or USB1.1)
- memory cards (requires an additional card reader to work with this apparatus)

Supported formats:

- USB or memory file format FAT12, FAT16, FAT32 (sector size: 512 bytes)
- MP3 bit rate (data rate): 32-320 Kbps and variable bit rate
- Directory nesting up to a maximum of 8 levels
- Number of albums/ folders: maximum 99
- Number of tracks/titles: maximum 999
- ID3 tag v2.0 or later
- File name in Unicode UTF8 (maximum length: 128 bytes)

Unsupported formats:

- Empty albums: an empty album is an album that does not contain MP3 files, and is not be shown in the display.
- Unsupported file formats are skipped. For example, Word documents (.doc) or MP3 files with extension .dlf are ignored and not played.
- AAC, WAV, PCM audio files
- WMA files

11 Troubleshooting

Caution

- Never remove the casing of this apparatus.

To keep the warranty valid, never try to repair the system yourself.
If you encounter problems when using this apparatus, check the following points before requesting service. If the problem remains unsolved, go to the Philips web site (www.Philips.com/support). When you contact Philips, ensure that your apparatus is nearby and the model number and serial number are available.

No power

- Make sure that the power cord of the unit is connected properly.
- Make sure that there is power at the AC outlet.
- If **[Auto Standby]** has been turned on, the system switches off automatically after 15 minutes of inactivity (for example, in pause or stop mode).

No disc detected

- Insert a disc.
- Check if the disc is inserted upside down.
- Wait until the moisture condensation at the lens has cleared.
- Replace or clean the disc.
- Use a finalized CD or correct format disc.

No picture

- Check the video connection.
- Turn on the TV to the correct Video-In channel.

Black and white or distorted picture

- The disc does not match the TV color system standard (PAL/NTSC).
- Sometimes a slight picture distortion may appear. This is not a malfunction.
- Clean the disc.
- A distorted picture may appear during progressive scan setup (see 'Turn on progressive scan' on page 15).

The aspect ratio of the TV screen cannot be changed even though you have set the TV display format.

- The aspect ratio is fixed on the loaded DVD disc.
- The aspect ratio may not be changed for some TV systems.

No sound or poor sound

- Adjust the volume.
- Check whether the unit is muted.
- Check that the speakers are connected correctly.
- Check if the stripped speaker wires are clamped.

Remote control does not work

- Before you press any function button, first select the correct source with the remote control instead of the main unit.
- Reduce the distance between the remote control and the unit.
- Insert the battery with its polarities (+/– signs) aligned as indicated.
- Replace the battery.
- Aim the remote control directly at the sensor on the front of the unit.

Disc does not play

- Insert a readable disc with the label side facing up.
- Check the disc type, color system and regional code. Check for any scratches or smudges on the disc.
- Press SETUP to exit the system setup menu.
- Disable the password for parental control or change the rating level.
- Moisture has condensed inside the unit. Remove the disc and leave the unit turned on for about an hour. Disconnect and reconnect the AC power plug, and then turn on the unit again.

DivX video files cannot be played.

- Make sure that the DivX video file is complete.
- Make sure that the file extension is correct.

- Due to Digital Rights issues, the DRM-protected video files cannot be played through an analog video connection (for example, composite and component connection). Transfer the video content onto the disc media and play these files.

Poor radio reception

- Increase the distance between the apparatus and your TV or VCR.
- Fully extend the FM antenna.
- Connect an outdoor FM antenna instead.

Audio or subtitle languages cannot be set

- The disc is not recorded with sound or subtitles in multiple languages.
- The audio or subtitle language setting is prohibited on the disc.

Cannot display some files in USB device

- The number of folders or files in the USB device has exceeded a certain limit. This phenomenon is not a malfunction.
- The formats of these files are not supported.

USB device not supported

- The USB device is incompatible with the unit. Try another one.

Specifications are subject to change without notice
© 2012 Koninklijke Philips Electronics N.V.
All rights reserved.

FWD410_51_UM_V1.0